

Title (en)

Liquid supply system, ink jet recording head, ink jet recording apparatus and liquid filling method

Title (de)

Flüssigkeitszuführvorrichtung, Tintenstrahlaufzeichnungskopf, Tintenstrahlaufzeichnungsapparat und Verfahren zum Befüllen mit einer Flüssigkeit

Title (fr)

Système d'alimentation en liquide, tête d'enregistrement à jet d'encre, appareil d'enregistrement à jet d'encre et procédé de remplissage de liquide

Publication

EP 1231062 A3 20030604 (EN)

Application

EP 02002695 A 20020206

Priority

- JP 2001033681 A 20010209
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Abstract (en)

[origin: EP1231062A2] The invention is prevent drawbacks resulting from the bubble generated at the downstream side of the filter, while minimizing the waste in the ink. The recording head (201) has a sub tank (201b) for storing ink supplied from the exterior, and a liquid chamber (201f) storing the ink supplied from the sub tank (201b) and supplying ink directly to a nozzle (201g) for ink discharge. A filter (201c) is provided between the sub tank (201b) and the liquid chamber (201f). The liquid chamber (201f) holds ink of a predetermined amount in such a manner that the ink therein is separated by gas from the filter (201c). <IMAGE>

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B41J 2/175; **B41J 2/165**

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

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